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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

25X1

COUNTRY USSR(Ukrainian SSR)

DATE DISTR. 21 February 1952

SUBJECT Zaporozhstal Metallurgical Plant at Zaporozhe

NO. OF PAGES 2

PLACE
ACQUIREDNO. OF ENCLS. 1
(LISTED BELOW)DATE OF
INFO.

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SUPPLEMENT TO
REPORT NO.THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793
AND 794, OF THE U. S. CODE, AS AMENDED. ITS TRANSMISSION OR REVEL-

THIS IS UNEVALUATED INFORMATION

1. Location:

25X1 The Zaporozhstal Metallurgical Plant is NW of Zaporozhe (35°11'E/47°49'N),
Ukrainian SSR.

2. Plant-Layout:

25X1 a. The first reconditioned blast furnace was put into operation on
3 July 1947, the second in November 1948. Only half of the third furnace had
been completed and construction of the fourth not started.b. The coke conveyor between the furnace-charging plant and the coke
ovens was under construction.c. In 1948, almost all PWs were engaged in clearing work as preparation
for the reconstruction of the rolling mill. The brickwork of the cold
rolling mill was completed by November 1948. The roof is supported by
a steel [redacted] Part of the machines, still packed in boxes, was stored
in the [redacted] at the building site. The reconstruction of the hot
rolling mill has not passed its initial stage. The railroad connection
was extended to numerous factory-owned tracks. For plant layout see Annex.

3. Work

A total of about 40,000 workers, including 10,000 PWs in 1948.

4. Production:

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5. The plant is divided into two large sections:

a. Zaporozh-Stroi, combination of all firms and workers engaged in reconstruction.

b. Zaporozhstal - combination of all completed and producing plant departments.

6. The following installations had been completed and put into operation by May 1949:

Two blast furnaces, one of 800 m tons, the other somewhat smaller;
open-hearth department with eight furnaces;
cold and hot rolling mill;
chrome nickel foundry with two German steel furnaces;
the pig iron shop;
three complete coke batteries with conveyors, coal mills and two cooling plants;
coke conveying belt connecting the coke batteries with the blast furnaces;
benzol station;
gasoline station;
sulfate department;
phenole department;
loading installations and railroad spur tracks for the individual departments;
power station for the blast furnace airpipes

7. The following installations were under construction in May 1949 :

one blast furnace;
several open-hearth furnaces;
one coke battery;
the refined steel plant, excellently protected against observation by a park, many trees, a dispersed layout. Electricity is supplied by the large Dnieper power plant on the barrage wall.

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Comment:

A detailed description of the advancing reconstruction of this important metallurgical plant in Zaporozhe is furnished by this report. The data may be considered correct as the sketch corresponds to previous information in all essential details.

1 Annex: Zaporozhstal Metallurgical Plant, Zaporozhe

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1/Annex

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Legend:

- 1 Blast furnace plant with
 - a Two [redacted] tion
 - b two [redacted] one under reconstruction, one still dem[redacted]
 - c roofed charging plant
 - d ore, lime and coke heaps
 - e coke conveyor connecting the coke ovens with the charging plant of the blast furnaces
 - f hot-air stoves
 - g gasholder
 - h power station for the blast blowing plant
 - i laboratory
 - k buildings for unknown purpose
 - l pump station
 - m water purification
- 2 Pig iron foundry
- 3 Foundry
- 4 Transformer stations
- 5 Pump stations
- 6 Open water-cooling plant
- 7 Pig iron storage
- 8 Cantonment building and building for unknown purpose
- 9 Repair shop
- 10 Guardhouse
- 11 Open-hearth plant with
 - a eight open-hearth furnaces in operation
 - b several open-hearth furnaces under construction
 - c [redacted] house
 - d [redacted] tion building
 - e [redacted] known buildings
- 12 [redacted] casting furnaces
 - a two German casting furnaces
 - b transformer station

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2/Annex

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- c administration
- d cantonment building
- 13 Lime storage yard
- 14 Clubhouse
- 15 Unknown building
- 16 Administration
- 17 Pump station
- 18 Cold rolling mill, 270 x 90 x 27 meters, with steel roof
- 19 Hot rolling mill, 450 x 90 x 27 meters,
- 20 Three transformer stations
- 21 Slag way
- 22 Coking plant with
 - a four coke batteries, one still under construction
 - b two quenching towers
 - c two cooling basins
 - d cooling towers
 - e pump stations
 - f transformer stations
 - g open boiler installations
 - h roofed boiler installations
 - i benzol department
 - k gasoline department
 - l sulfate department
 - m laboratory
 - n administration
 - o repair shops
 - p building under construction
 - q railroad depot
 - r railroad station
 - s coal dumping point
 - t coal heap with platform and shed

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3/Annex

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- u garage
 - v main guardhouse
 - w side guardhouse
- 23 Electrical engineering combine with
- a administration
 - b two workshops
 - c workshop under construction
 - d garage
 - e tube construction
 - f pump station
- 24 Refined steel plant under construction
- 25 Worker's settlement
- 26 PW Camp 7100/3
- 27 Former PW Camp 7100/4

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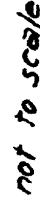
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"Zaporozhstal" Metallurgical Plant, Zaporozhe



Legend: See report

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"Zaporozhstal" Metallurgical Plant, Zaporozh

see report

not to scale

The diagram is a site plan of the Zaporozhstal Metallurgical Plant. It shows a complex arrangement of industrial buildings, storage areas, and infrastructure. Key features include: a large rectangular building labeled '23' in the upper left; a complex of buildings labeled '22' in the center, including a 'ramp' and a large oval structure; a large rectangular building labeled '24' in the lower right; and several smaller buildings and storage areas labeled with numbers 1 through 27 and letters a through m. A north arrow is located in the upper right corner. The plan is oriented with North at the top. The text 'not to scale' is written in the bottom right corner.

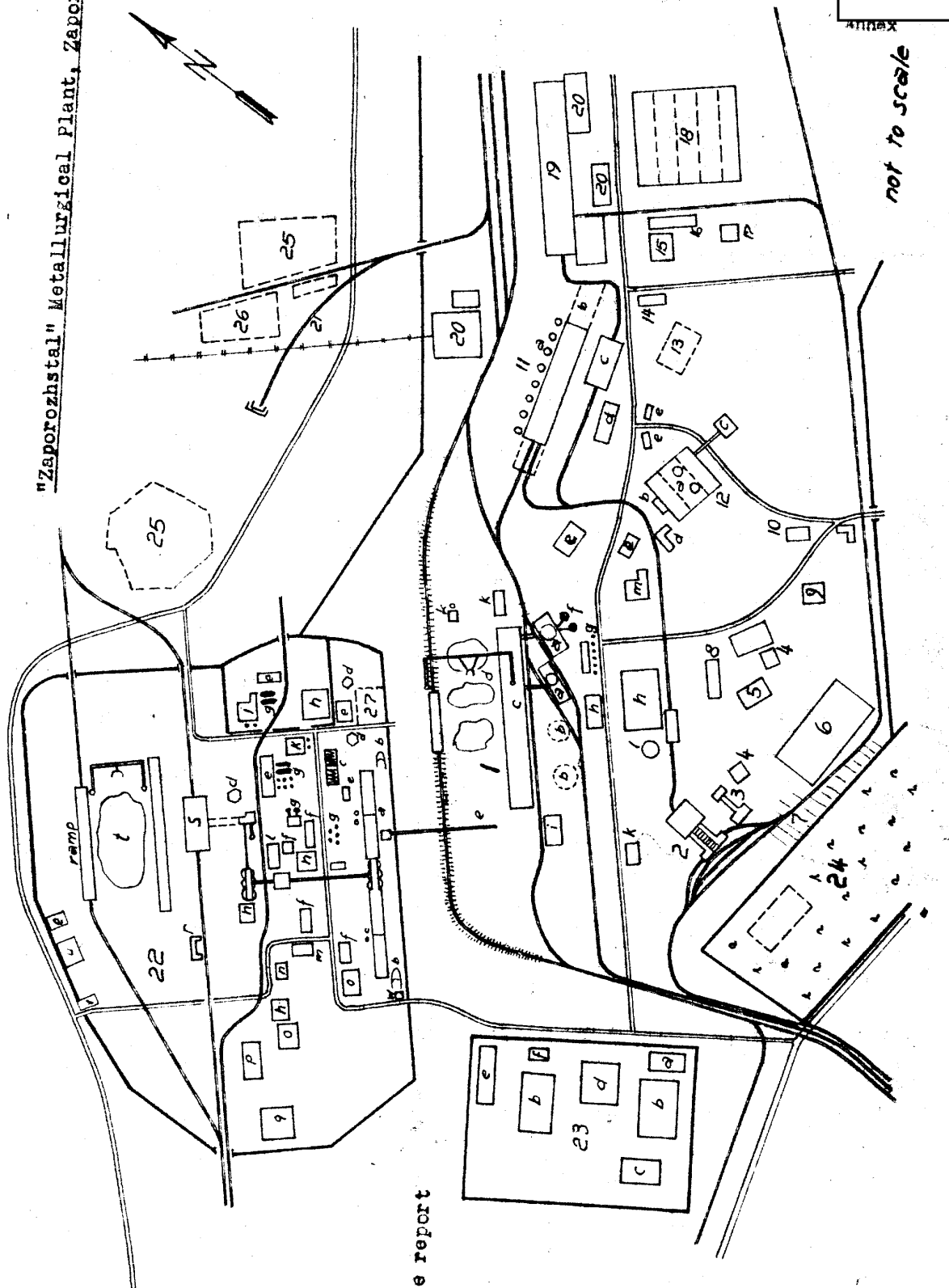
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"Zaporozhstal" Metallurgical Plant, Zaporozhsk



Legend: See report

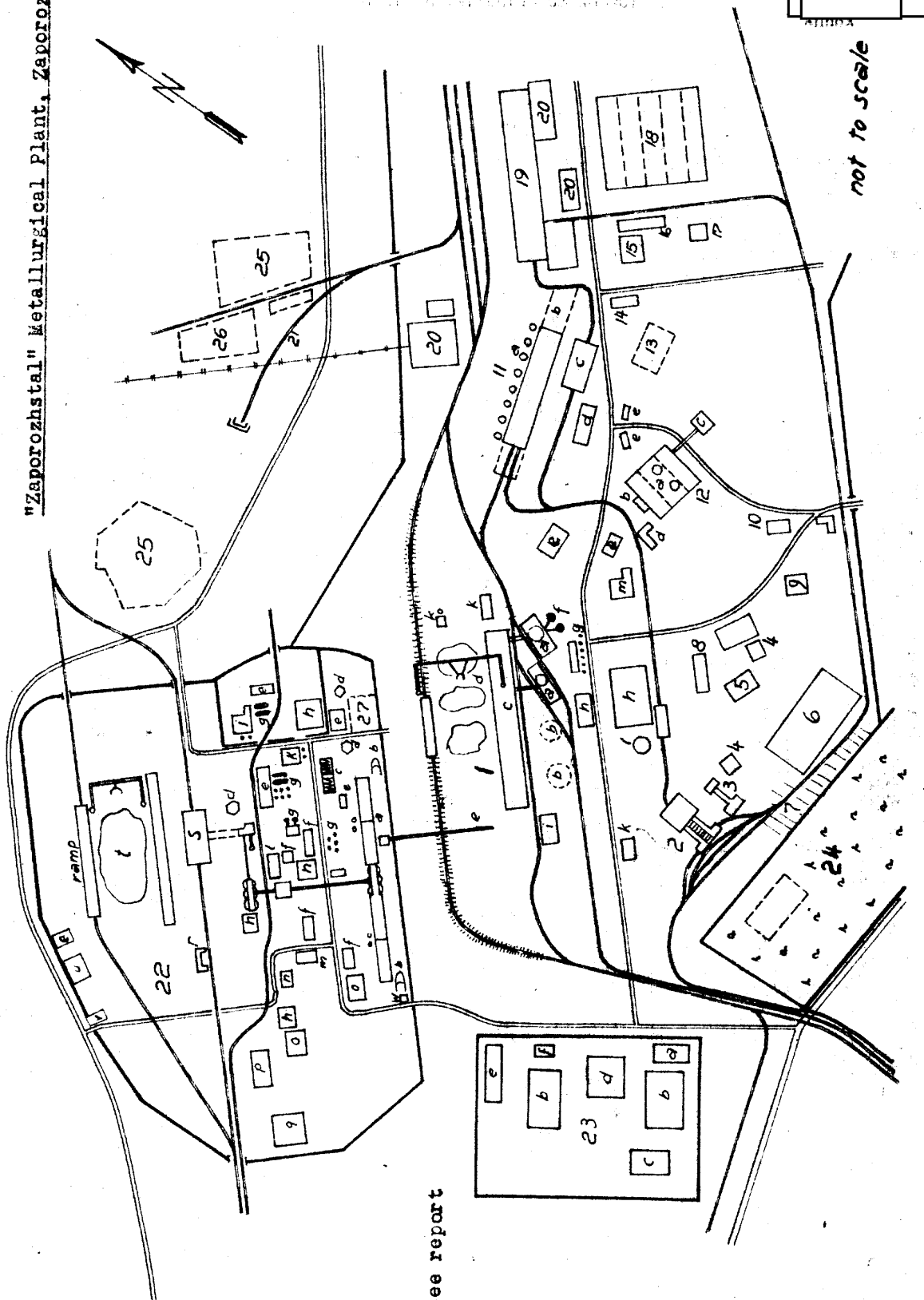
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"Zaporozhstal" Metallurgical Plant, Zaporozhe



Legend: See report

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